

PART 2 CLAIMS:

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Claims

1. Use of C₆₋₂₂-fatty acid methyl esters of vegetable raw materials as smoothers in lubricants for the production of combed wool slivers.
2. Use of claim 1, characterized in that fatty acid methyl esters based on coconut fatty acids, palm kernel fatty acids, palm oil fatty acids or mixtures of these esters are used.
3. Use of claim 1 or 2, characterized in that the fatty acid methyl esters are used in amounts of 50 to 95% by weight, preferably 60 to 80% by weight, based on lubricant.
4. Use of claims 1 to 3, characterized in that the fatty acid methyl esters are used in combination with emulsifiers and additives.
5. A lubricant for combed sliver production, including
 - a) 60 to 80% by weight of C₆₋₂₂ fatty acid methyl esters of vegetable raw materials as smoothers
 - b) 5 to 30% by weight of emulsifiers
 - c) 0 to 10% by weight of additives
6. The lubricant of claim 5, characterized in that the smoothers it includes are exclusively fatty acid methyl esters based on coconut fatty acids.
7. The lubricant of claim 5, characterized in that the smoothers it includes are exclusively fatty acid methyl esters based on palm kernel fatty acid.
8. The lubricant of claim 5, characterized in that the smoothers it includes are mixtures of fatty acid methyl esters based on coconut fatty acid, palm kernel fatty acid and/or palm oil fatty acid.
9. The lubricant of claim 8, characterized in that the smoothers it includes are mixtures of coconut fatty acid, palm kernel fatty acid and palm oil fatty acid in a weight ratio of 1:1:1.
10. A process for lubricating wool in combed sliver production, characterized in that the wool is treated with an aqueous emulsion including an active ingredient

content - based on the weight of the wool - of 0.25 to 0.60% by weight of lubricant as claimed in any of claims 5 to 9 before carding.

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